



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAY 1L/R: Climb heading 010° to 2681', then left turn direct BESSY, then on track 186° to cross WITLA at or below 10000(ATC)/7900, then on track 187° to JEBBB, then on track 147° to cross BOACH at or above 13000. Thence....

TAKE-OFF RUNWAY 7L: Climb heading 075° to 2681', then direct WASTE, then on track 075° to cross BAKRR at or below 7000(ATC)/6000, then on track 144° to cross MINEY at or above 8000, then on track 210° to HITME, then on track 217° to cross BOACH at or above 13000. Thence....

TAKE-OFF RUNWAY 7R: Climb heading 075° to 2681', then direct JESJL, then on track 074° to cross BAKRR at or below 7000(ATC)/6000, then on track 144° to cross MINEY at or above 8000, then on track 210° to HITME, then on track 217° to cross BOACH at or above 13000. Thence....

TAKE-OFF RUNWAY 19L: Climb heading 190° to 2681', then direct FIXIX, then on track 227° to cross ROPPR at or below 7000(ATC)/4800, then on track 170° to RODDD, then on track 160° to cross BOACH at or above 13000. Thence....

TAKE-OFF RUNWAY 19R: Climb heading 190° to 2681', then direct JAKER, then on track 226° to cross ROPPR at or below 7000(ATC)/4800, then on track 170° to RODDD, then on track 160° to cross BOACH at or above 13000. Thence....

TAKE-OFF RUNWAY 25L: Climb heading 255° to 2681', then direct PIRMD, then on track 186° to cross ROPPR at or below 7000(ATC)/4800, then on track 170° to RODDD, then on track 160° to cross BOACH at or above 13000. Thence....

TAKE-OFF RUNWAY 25R: Climb heading 255° to 2681', then direct RBELL, then on track 186° to cross ROPPR at or below 7000(ATC)/4800, then on track 170° to RODDD, then on track 160° to cross BOACH at or above 13000. Thence....

....via (Transition) maintain FL190, expect filed altitude 10 minutes after departure.

HECTOR TRANSITION (BOACH4.HEC)

TWENTYNINE PALMS TRANSITION (BOACH4.TNP)

TAKE-OFF OBSTACLE NOTES

- RWY 1L: Building 1508' from DER, 463' left of centerline, 71' AGL/2146' MSL. Pole 453' from DER, 283' left of centerline, 38' AGL/2118' MSL. Sign 1042' from DER, 694' left of centerline, 35' AGL/2124' MSL.
- RWY 1R: Sign 1331' from DER, 448' right of centerline, 60' AGL/2120' MSL.  
Vents 604' from DER, 539' right of centerline, up to 17' AGL/2095' MSL.
- RWY 7L: Trees 761' from DER, left and right of centerline, up to 42' AGL/2074' MSL.  
Pole 747' from DER, 442' right of centerline, 25' AGL/2057' MSL.
- RWY 7R: Tower 1457' from DER, 847' right of centerline, 65' AGL/2096' MSL.
- RWY 19L: Multiple buildings, trees and poles 1394' from DER, 251' right of centerline, up to 96' AGL/2284' MSL. Sign 2181' from DER, 1062' right of centerline, 36' AGL/2236' MSL.
- RWY 19R: Trees 1563' from DER, 329' left of centerline, up to 55' AGL/2236' MSL.  
Multiple buildings, signs and poles 197' from DER, 59' right of centerline, up to 75' AGL/2291' MSL.
- RWY 25L: Multiple poles, signs and buildings 1003' from DER, 145' left of centerline, up to 97' AGL/2291' MSL. Trees 2837' from DER, 1008' left of centerline, 72' AGL/2230' MSL.  
Railroad 2564' from DER, 773' left of centerline, 66' AGL/2223' MSL.
- RWY 25R: Multiple poles and trees 533' from DER, 1' left of centerline, up to 271' AGL/2457' MSL.  
Building 1822' from DER, 652' left of centerline, 59' AGL/2238' MSL. Roads 669' from DER, 17' right of centerline, up to 29' AGL/2208' MSL.